

SOUTH PRODUCTION NOTES

**December 29, 2013
Midnight Shift**

**BASF EMPLOYEES
37 Last Recordable
182 Last Lost Time**

#1 MED AL-5637: No longer making batches of AL-5637. The plan was to clean the dryer and calciner for D-0756 (if needed). Cleaning on hold for now. We will go back to the AL-5637 whenever Grodecki and other engineers advise (dependent on status of #6).

#1 RC / clean for D-0756: The calciner is on hold until status of #6 confirmed and additional guidance provided by Grodecki.

Exhaust to Trimer

Midnight Shift: Hold for now

Day shift: Hold

Afternoon Shift: Hold.

#2 MED line/ D-0768: Continue until we run out of either the copper carbonate. There is more of both in the near rail shed. Also, the hand picked material has been put into drums and can be dumped into the calciner feed hopper (if not already done). When finished, dispose of the drums.

Midnight Shift: Continued. Grodecki advised that we will continue until either the microorb or the copper carbonate runs out. NOTE; end seals leaking bad, work notification written for seals to be repacked. May be bin vent suction issue, will need to inspect bin vent to make sure not clogged up and forcing powder to escape through seals.

Day Shift: Continue on

Afternoon Shift: Continued on. Continued to work wet mix drums into batches.

#2 RC/ D-0768: Be sure to shovel the material from the floor onto the dryer bed on the feed end of the dryer at least once a shift. Continue to feed the calciner and check the screen on the granulator once a day to make sure there is not a hole in it. **SAMPLING NOTE:** please get two 16 oz samples per pallet for the lab.

Midnight Shift: Continue on.

Day shift: Continue on...screen on granulator was OK but needed to be tightened again.

Afternoon Shift: Continued on. Fed all hand picked drums to the calciner. No more hand picking to do.

Exhaust to CTO

#3 MED line /Next D-1795 NAQ: Just need a rough clean up of the pulva and extruder. We may need to clean the spiral elevators before running.

Midnight Shift: No change. Set-up instructions for the D 1795 (feeding through floor to dryer) will be provided by Grodecki. Dryer belt cleaned off again.

Day shift: No change.

Afternoon Shift: No change. Operators scheduled on a rough clean up of the pulva and extruder.

#3 RC /Next D-1795 NAQ: We may need the spiral elevators before running.

Exhaust to CTO

Midnight shift: Calciner flushed on midnight shift. Will inspect day shift and verify readiness.

Day shift: Should be reday to go for early next week. Need to check screener screens to be sure they are same as for D 1794.

Afternoon Shift: No change. Operators scheduled to button calciner back up.

Abbe Blender / D-5206: Continue on until we are out of HF. We should have 24 batches left as of 3PM Friday the 20th. All of the 5202 should be in the railshed.

Midnight shift: Out of HF.

Day shift: No change.

Afternoon Shift: Officially out of HF.

National Dryer / 5206 : Done.

Midnight shift: No feed.

Day shift: No feed.

Afternoon Shift: No change.

#4 RC / D-5206: Continue to feed.

Exhaust to 4 DC

Midnight shift: Out of feed

Day shift:

Afternoon Shift: Calciner being shut down.

HC-11 Tanks / Cu 5020: Continue on. There is a pallet of Britesorb samples that were returned to the department (HC-11). At least one box contains 1 gallon (4 lb) pails. Per Noemi Trent, please add one of these to each strike batch in 4 tank.

Midnight shift: Continue with batches...no issues with pump or tanks.

Day shift: Continue on

Afternoon Shift: Continued to run. 3 strikes made.

PK Blender / 4011: 19 batches of 4011 completed. On hold for now.

Midnight shift: No change

Day shift: No change.

Afternoon Shift: No change.

#5 RC / 4011 done. DC has new HEPA filter installed.

Exhaust to Trimer

Midnight shift: Down

Day shift: Down

Afternoon Shift: Down.

New Pfaudler / BE-0101 E 1/8th: Extrusion batches started Friday.

Midnight shift: Hold until day shift as we will be making next batch using Al 3921 E 1/8th batches (Lot 3, bags 5-7, 9-14, extrusions vs tablets), per Justin Quach. Batch #2 will be on Saturday morning

Day shift: 2nd "special" batch made, sending bags down to TK #2 by end of day shift or beginning 2nd shift. Hold off with 3rd batch until Sunday.

Afternoon Shift: No change.

Old Pfaudler D-0756: Restarting batches now that #6 dryer/calcliner up and running.

Need to use RO unit for batches. **PLEASE NOTE that each bag of base must be weighed (check-weigh) before loading into the pfaudler.** Need to confirm that the bag weights are correct.

Midnight shift: On Hold. Waiting for Bodmann to contact GL Scoggins to verify when to start making D 0756 batches again. Hopefully day shift Saturday.

Day shift: Feeding dryer/calcliner, resume making batches. **MAKE SURE TO VERIFY HOPPER, PFAUDLER AND BUGGY STATUS FIRST!**

Afternoon Shift: Batch made and is on drain. Will need to be unloaded.

#6 - RC / D-0756: Sly scrubber was repaired and running until belts broke on the blower motor at around 1:40 pm Saturday. Don Clark working on replacing at around 2:00 pm. The bags that come off of this calciner need to be check weighed in building 31 and recorded on the log sheet. MAKE SURE THAT WE TAPE SHUT THE SAMPLE JARS. Maintain 250 lbs/hr.

Exhaust to Sly Scrubber

Midnight shift: Calciner struggling to come up to temp. Will contact for Bodmann for guidance as needed on Saturday morning.

Day Shift: Up and running, feeding began by 8:00 am Saturday. Down again as belts broke on sly scrubber. Maintenance working on it now.

Afternoon shift: Sly scrubber repaired and calciner has been up and running since halfway through the shift.

Tower 3 / Cu-0860: Loaded and running. Should come down sometime Monday

Tower 6 / Cu-0860: Should be coming down at the start of midnight shift.

Midnight Shift: Continued.

Day shift: Continue

Afternoon shift: Continued on. Tower 6 should be ready to unload at the start of midnight shift.

Harrop Kiln - Al-3921 T 3/16": Down...saggers will need to be changed to half saggers in the near future for next product. Also, parts from the harrop screener were used on TK #2 screener.

North Screener / Cu-0860: Continue

Midnight shift:Continue....

Day shift: Continue...12 totes to screen

Afternoon Shift: Continued on.

South Screener / Cu-0860: Continue.

Midnight shift: Continue...

Day shift: Continue...12 totes to screen

AfternoonShift: Continued on.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Midnight shift: No change

Day shift: No change.

Afternoon Shift: No Change.

Tunnel Kiln #2 / BE-0101 Extrusions: Continue loading/unloading. ..1 scoop per sagger-12 pounds.

Midnight shift: Continue loading extrusions and unloading tablets. **NOTE:** empty car gap should be cars # 1-2 between tablets and extrusions. In addition, the screener fines screen will need to be changed **BEFORE** we screen the new material. MOD will be updated, and this information will be discussed further with the TK operators.

Day shift: Continue.

Afternoon Shift: Continued on. 1 bag left.

Tunnel Kiln #4 / BE-0101 Tablets: Continue loading/unloading. ..1 scoop per sagger-12 pounds.

Midnight shift: Continue with BE 0101 tablets (remaining tablet bags - 1 full and 1 partial)

Day shift: Continue loading #4 kiln until all tablets are loaded. After kiln is emptied, we will screen the 8 bags on the floor (these do not need to be refired, only screened)

Afternoon Shift: Continued on 1 bag left.

Weekend Inventory Update:

Copper carb, Versal 300 and Microsorb clay are in the rail shed you will run out of Copper carb first and we want to use it all so make a part batch to use it all. D 0702 is in the the rail shed or the 3rd floor. There AMMONIUM METATUNGSTATE on the 1st floor. The last of the britesorb is in the rail shed and the soda ash is in shipping. Keep loading the trucks at our docks with D 0768 drums and bags and the D 0756 when this get up and running. There is still some Cu 0860 in the far rail shed.

Bill Grodecki's Instructions:

- I. I have left cleanup instructions for MED3/RC3. The next product on mix/extrusion (starting mid-January) will be similar to D-1794 so only a rough cleanup of mix/extrude is necessary. D-1795 will run on dry/calcline starting ~12/30. Only a rough cleanup is needed to avoid white extrusions in the colored product. Since we have 2 weeks, this is a good fill in job. (UPDATE: will work on this during weekend)
- II. SSD is going well but please check the granulator screen daily and change if necessary. Lengths will be off if a hole goes undetected. (UPDATE: screen checked on Thursday and so far OK. Needed to be tightened, but not worn out).

Tim and I discussed it and made an executive decision to begin taking department retain samples of finished tower products. Operators will begin taking 6-16 oz. samples of finished product (instead of 3). Set 3 on the post for pickup and keep 3 in the screening room for retain. If a sample turns up missing, we will have the retains to give to the lab.

Keep the retains for a month and return to production. I will post the new procedure in the screening room.